

CRN

9061

DAILY LOG

INSTITUTE OF OCEAN SCIENCES
OCEAN PHYSICS

DATE

Feb 19, 1990

VESSEL

CSS PARIZEAU

PROJECT

S.W.A.P.P.

YEAR	90	MONTH	Feb	TIME	ZONE	UTC	SHIP	PARIZEAU	CRUISE	9061	PAGE	1	OF	
DAY	STATION NUMBER	DEPTH SOUNDING (M)	SHIP STOP/START TIME	LATITUDE/LONGITUDE	STD CONSEC. #/DEPTH	STD TIME	HYDRO CONSEC. #/DEPTH	MESSENGER TIME	SALINITY #/CALIBRATION	LOOP OR DEPTH	OXYGEN #	SURFACE TEMPERATURE/	SALINITY	NOTES
Feb 19														Depart 1630 Pat Bay 2330
Feb 28	S1	2232	35 12.10	1	2238						13.679			Data Spiky - wrong calibs
			127 01.97	120							33.226			
	S1		35 12.15	2	2352									still spiky - wrong calibs
			127 01.71	500										
Mar 1	S1		35 12.13	3	0053									new deck unit + proper calibrations - OK
			127 01.89	250										
	S1		35 12.48	4	1802									- no print-out (out of paper)
			127 00.18	160										
Mar 2	S2		35 09.04	5	1951	1								- better
			126 57.22	160		75								
Mar 3	S3		35 06.91	6	2111									spike in cond. (bubble)? cleaned cell.
			126 58.54	160										
34	S3		35 07.01	7	2140									TAC both noisy near surf.
			126 58.61	160										
54	S4		35 07.26	8	0102	2								
			126 56.99	160		75	0035							
5	S5		35 13.10	9	1635	3								error light - profile seems OK
			127 00.99	160		75	1614							
8	S6		35 06.57	10	0241	4								
			127 01.57	160		150								
Mar 8	S7		34 57.73	11	1638	5								screen stopped, computer continued
			127 02.40	140		150								

Feb 19
~~20042 KMA~~
UTC (Local)

- 2330 (1630) - Depart Pat Bay, bound for San Francisco
- Doppler Log not working, all other systems OK.

Feb 20

- 0549(2149) - Reset RDI clock - out by ~15 min (slow)

Feb 21

- 0155 - RDI monitor blank - rebooted
- started SAIL logging - Doppler log fixed
1825 - Seawater pump started - will run until near S.F.

Feb 22

- 1720 - Closed A: SWAP001.D2
started B: SWAP002.D1

Feb 23

- 1417 - entering S.F. - shut down sampling pump & SAIL & RDI
- SAIL on SWAP002.D2

Feb 25

- 1400 - depart S.F.
1800 - start SAIL & RDI

Feb 26

- 1500 - start preparing & deploy SUZY
1700 - SUZY deployed
- preparing ULSAS
- tested double re'l. bracket to 175 m - OK (with 20 kg!)

Feb 27

- 1500 - Deploy SUZY
- 1700 - Deploy ULSAS

- SUZY ~~not~~ OPENING ARMS

- 2000 - begin recovering SUZY
 - did not drop weight
 - recovered heavy

- NOTE - Nitro lifting eye broke, dropping
G.I.S. - one broke, no one hurt!

- recovered ULSAS

Feb 28

- 0500 - RDI stopped (key hit?) - restarted

- 1700 - Deployed SUZY - North of FLIP
 - RDI shows SW current ~12 cm/sec

- 1720 - reset workfile (RDI) SWAPP to
Use ref layer + reset output limits to ± 40 cm/sec from 75

- did CTD's (see list)

Mar 1

- 1700 - recovered SUZY

- deployed SUZY

Mar 2

- 0320 - reset CRUISE.ANS for 25 scans/sec (bad documentation)

- 1500 - SAIL pump died sometime this morning - switched to
small one - will try to fix big one
- SUZY ~~app~~ recovered - arms out

Mar 3

1718

- unable to fix large sampling pump
 - using small one - moved TR & another sensor
 - also moved black box (O.C.) but put it back as the threads didn't match.

Mar 4

1830

- launch SU24 - anchor @ 115 m - using 155 m Pin (732 atm.)

2300

- launch ULSAS

Mar 5

0900

- ULSAS spotted - toroid upside-down
 - grappelled & corrected but stepped off light.

1630

- O₂ cast & CTD
 - too rough to recover ULSAS - will wait.

Mar 8

0241

- O₂ cast # 4
- CTD # 10 to 160

1638

- O₂ # 5
- CTD # 11 to 140

Note: O₂ Flask 321 ~~not~~ not in file

Mar 10

1630 - CTD + O₂

1810 - changed RDI config as per request - Bill Crawford

- Pulse length changed from 8 to 4
- Sampling Interval from 900 to 600

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[illegible]

Mar 11

0200 - CTD + O₂

0303 - changed bin length to 2² (4)

Mar 14

1917 CTD + O₂ - did QIC backup last night + today
computer was locked - made noises in
hardrive + couldn't find C: Softt reboot
to never-never. Power down + up then
OK.

Mar 15

	O ₂ + CTD (calib)	DB	Temp	Conc	S-1
-1630		40.	12.46	0.894	32.
		2	8	37	995
		1	8	38	995
		6	8	39	996

Thurms

3.89

Aux Main

23.0 12.70

23.1 12.70

3.132

Aux Main

22.9 12.70

23.0 12.71

- continued on to S.F

Mar 23

- 1712 - on route to P12 for El Niño casts
- reset RDI to original config
- ~~the~~
- another general failure reading drive C:
(no funny noises noticed this time)
- OK after power down

Mar 25

- 1550 - P12 - C: bad again
-1812 P11 - more problems w C:

P10 - calb bottle #2

<u>D</u>	<u>T</u>	<u>Cond</u>	<u>Sal</u>
755.6	3.820	74843	34.273
755.6	3.820	74848	34.273
755.6	3.820	74854	34.270

Therms

3189		3132	
<u>aux</u>	<u>main</u>	<u>aux</u>	<u>main</u>
19.3	4.16	19.0	4.20
19.6	4.16	19.5	4.18

Mar 26

0530

- P6 - computer completely gone during Cast
- switched to Compag
- recovered 9061040. ETD to ~500m
- lost again - total crash
- print-out only record.

AT

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